505536291 06/20/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5583088

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SEUNG JAE KANG	05/31/2019
HYUN JIN PARK	05/31/2019
WON ROK CHOI	05/31/2019

RECEIVING PARTY DATA

Name:	HYUNDAI MOTOR COMPANY
Street Address:	12, HEOLLEUNG-RO, SEOCHO-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	06797
Name:	KIA MOTORS CORPORATION
Street Address:	12, HEOLLEUNG-RO, SEOCHO-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	06797

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16447482

CORRESPONDENCE DATA

Fax Number: (972)732-9218

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: (972) 732-1001

Email: docketing@slatermatsil.com

Correspondent Name: SLATER MATSIL, LLP
Address Line 1: 17950 PRESTON ROAD

Address Line 2: SUITE 1000

Address Line 4: DALLAS, TEXAS 75252

ATTORNEY DOCKET NUMBER: HYU-0278US01-HL

NAME OF SUBMITTER: GINA MARTINEZ

PATENT 505536291 REEL: 049541 FRAME: 0830

SIGNATURE:	/Gina Martinez/
DATE SIGNED:	06/20/2019
Total Attachments: 6	
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DECLARATION AND ASSIGNMENT

As a below named inventor, I, KANG, Seung Jae, residing at A-503, 18, Bangbae-ro 13-gil, Seocho-gu, Seoul, 06683 Republic of Korea, a citizen of the Republic of Korea, make the following declaration and assignment.

I declare that	his declaration is directed to:
\boxtimes	The attached application, or
	United States application number or PCT international application number
	filed on
The above-ide	ntified application was made or authorized to be made by me.
I believe that	I am the original inventor or an original joint inventor of a claimed invention in the

I have reviewed and understand the contents of the application, including the claims.

application.

I am aware of the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56.

All statements made of my own knowledge are true and all statements made on information and belief are believed to be true.

I hereby acknowledge that any willful false statement made in this declaration may jeopardize the validity of the application or any patent issuing thereon and is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five (5) years, or both.

I hereby sell, assign, and transfer to Hyundai Motor Company, a corporation organized and existing under the laws of Korea, having its principal place of business at 12, Heolleung-ro, Seocho-gu, Seoul, 06797, Republic of Korea, and Kia Motors Corporation, a corporation organized and existing under the laws of Korea, having its principal place of business at 12, Heolleung-ro. Seocho-gu, Seoul, 06797, Republic of Korea, hereinafter "Assignee," its successors, assigns and legal representatives, the entire right, title and interest in and for the United States and all foreign countries, in and to any and all improvements which are disclosed in my patent application, and in and to the application and all non-provisional, divisional, continuation, continuation-in-part, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall

be filed in the United States and all foreign countries on any of the improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on the improvements.

I agree that Assignee may apply for and receive Letters Patent for the improvements in its own name, and that, when requested, without charge to but at the expense of the Assignee, their successors, assigns, and legal representatives to carry out in good faith the intent and purpose of this agreement, I will execute all non-provisional, divisional, continuation, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to the Assignee, its successors, assigns, and representatives, all facts known to me relating to the improvements and the history thereof; and generally do everything possible which the Assignee, its successors, assigns, or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for the improvements and for vesting title to the improvements and all applications for patents and all patents on the improvements, in the Assignee, its successors, assigns, and legal representatives.

I covenant with the Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me, and that full right to convey the same as herein expressed is possessed by me.

KANG, Seung Jap

KANG, Seung Jae

5.31.2019

Date

DECLARATION AND ASSIGNMENT

As a below named inventor, I, PARK, Hyun Jin, residing at 160, Jangje-ro, Bupyeong-gu, Incheon, 21353 Republic of Korea, a citizen of the Republic of Korea, make the following declaration and assignment.

aboignmena	
I declare that t	his declaration is directed to:
\boxtimes	The attached application, or
	United States application number or PCT international application number
	filed on
The above-ide	ntified application was made or authorized to be made by me.
I believe that I application.	I am the original inventor or an original joint inventor of a claimed invention in the
I have reviewe	d and understand the contents of the application, including the claims.
	the duty to disclose to the U.S. Patent and Trademark Office all information known sterial to patentability as defined in 37 C.F.R. §1.56.
All statements belief are belie	made of my own knowledge are true and all statements made on information and ved to be true.
validity of the a	wledge that any willful false statement made in this declaration may jeopardize the application or any patent issuing thereon and is punishable under 18 U.S.C. §1001 by nament of not more than five (5) years, or both.
existing under	ssign, and transfer to Hyundai Motor Company, a corporation organized and the laws of Korea, having its principal place of business at 12, Heolleung-ro,
	oul, 06797, Republic of Korea, and Kia Motors Corporation, a corporation organized
	nder the laws of Korea, having its principal place of business at 12, Heolleung-ro,
	al, o6797, Republic of Korea, hereinafter "Assignee," its successors, assigns and legal
	s, the entire right, title and interest in and for the United States and all foreign
	and to any and all improvements which are disclosed in my patent application, and in
and to the appl	lication and all non-provisional, divisional, continuation, continuation-in-part,

PATENT REEL: 049541 FRAME: 0834

substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall

be filed in the United States and all foreign countries on any of the improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on the improvements.

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I covenant with the Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me, and that full right to convey the same as herein expressed is possessed by me.

MRK, HYUN JIN 5, 31, 2019
PARK, Hyun Jin Date

DECLARATION AND ASSIGNMENT

As a below named inventor, I, CHOI, Won Rok, residing at 120-1103, 60, Gwanak-ro 40-gil, Gwanakgu, Seoul, 08730 Republic of Korea, a citizen of the Republic of Korea, make the following declaration and assignment.

I dec	lare that	this declaration is directed to:
	\boxtimes	The attached application, or
		United States application number or PCT international application number
		filed on
The	above-ide	entified application was made or authorized to be made by me.
	ieve that	I am the original inventor or an original joint inventor of a claimed invention in the

I have reviewed and understand the contents of the application, including the claims.

I am aware of the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56.

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I covenant with the Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me, and that full right to convey the same as herein expressed is possessed by me.

CHOI, WON ROK

CHOI, Won Rok

RECORDED: 06/20/2019

5.31. >019 Date

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